



S2 Fig. Spearman coefficient of correlation between reported diarrheal diseases cases (i.e., hospital admissions or incidence) at 4 spatial subsets (See Fig. S11 for full details), daily rainfall (mm) records at two locations (Luang Prabang Airport and Houay Pano catchment) and daily air temperature ( $^{\circ}\text{C}$ ) record across the Houay Pano catchment, daily discharge records at two gauging stations (NK20 on the Nam Khan in  $\text{m}^3 \text{s}^{-1}$  and S4 on the Houay Pano in  $\text{L s}^{-1}$ ) and daily total suspended sediments ( $\text{g L}^{-1}$ ) records at the S4 sampling station, from 2010 to 2012.